

What is claimed is:

1. An acoustical insulation product for a vehicle comprising a blanket of fibers and a facing material adhered to a major surface of the blanket, the product having a perimeter flange made by pressing the facing material and an edge portion of the blanket together, the flange providing stiffness to the product, and the flange being capable of being held in place on the vehicle by an attachment system.

2. The acoustical insulation product of claim 1 in which the fibers are polymer fibers.

3. The acoustical insulation product of claim 1 in which the density of the edge portion of the blanket is significantly greater than the remainder portion of the blanket.

4. The acoustical insulation product of claim 1 in which the flange has a thickness less than about 15 percent of the thickness of the blanket.

5. The acoustical insulation product of claim 1 in which the facing material is water resistant.

6. The acoustical insulation product of claim 1 in which the facing material is a scrim web and a film, the film having been heat softened to adhere the film and scrim to the blanket of polymer fibers.

7. The acoustical insulation product of claim 6 in which the scrim is made of polyester fibers and the film is a polypropylene adhesive film.

8. The acoustical insulation product of claim 1 in which the surfaces of the insulation product have static coefficients of friction ~~less than~~ about 0.8.

9. The acoustical insulation product of claim 1 in which the blanket of
5 polymer fibers includes polymer binder fibers that ~~have been~~ heated to a temperature sufficient to bond the polymer fibers to the facing material.

10. The acoustical insulation product of claim 1 in which the blanket of
10 polymer fibers includes primary fibers and bi-component polymer binder fibers that are made of a principal polymer component and a binder polymer component, the binder component having a softening point lower than the softening point of the principal component, and the binder component having been heated to a temperature that is insufficient to soften the principal component but sufficient to soften the binder component to bond the multi-component polymer binder fibers and the primary fibers
15 to themselves and to each other.

11. The acoustical insulation product of claim 10 in which the primary fibers
are polyethylene terephthalate fibers and in which the bicomponent binder fibers
include a core of polyethylene terephthalate and a sheath of polyethylene
20 terephthalate.

12. A truck hood acoustical insulation product comprising a blanket of
polymer fibers and a facing material adhered to a major surface of the blanket, the
product having a perimeter flange made by pressing the facing material and an edge
25 portion of the blanket together, the flange providing stiffness to the product, and the flange being capable of being held in place on the underside of the truck hood by an attachment system.

13. The acoustical insulation product of claim 12 in which the flange has a thickness less than about 15 percent of the thickness of the blanket.

14. The acoustical insulation product of claim 12 in which the facing material is water resistant.

15. An acoustical insulation product for a vehicle comprising a blanket of polymer fibers and a water resistant facing material adhered to a major surface of the blanket, the product being capable of being held in place on the vehicle by an attachment system.

16. The acoustical insulation product of claim 15 in which the facing material is a scrim web and a film, the film having been heat softened to adhere the film and scrim to the blanket of polymer fibers.

17. The acoustical insulation product of claim 16 in which the scrim is made of polyester fibers and the film is a polypropylene adhesive film.

18. The acoustical insulation product of claim 15 in which the surfaces of the insulation product have static coefficients of friction less than about 0.8.

19. The acoustical insulation product of claim 15 in which the blanket of polymer fibers includes primary fibers and bi-component polymer binder fibers that are made of a principal polymer component and a binder polymer component, the binder component having a softening point lower than the softening point of the principal component, and the binder component having been heated to a temperature that is insufficient to soften the principal component but sufficient to soften the binder

component to bond the multi-component polymer binder fibers and the primary fibers to themselves and to each other.

20. The acoustical insulation product of claim 19 in which the primary fibers

5 are polyethylene terephthalate fibers and in which the bicomponent binder fibers include a core of polyethylene terephthalate and a sheath of polyethylene terephthalate.